

What is claimed is:

1. A system for integration of material costs of a product for calculating material costs of a product based on purchase data, inventory data and material consumption data, the system comprising a web server and a database server, wherein:

the database server comprises a database for storing purchase data, inventory data and material consumption data, the purchase data include columns for: quantity of purchased material, unit price of purchased material, and purchase expenses, the inventory data include columns for: initial inventory quantity and initial inventory value of each material, and the material consumption data include columns for: a current period production quantity and a material consumption quantity of each product; and

the web server comprises:

- a current period purchase costs calculation module for calculating purchase expenses and purchase costs apportioned to each unit of each material in a current period;
- a historical purchase costs calculation module for calculating historical purchase costs of each material; and
- a material costs integration module for calculating material costs consumption in each unit of a product.

2. The system for integration of material costs of a product as claimed in claim 1, wherein the web server further comprises a purchase data summarizing module for summing up purchase data of each material to obtain a current period's total purchase quantity, total purchase value and total purchase expenses of each material.

3. The system for integration of material costs of a product as claimed in claim 1, wherein the web server further comprises a purchase data

retrieval module for obtaining current period purchase data from a purchase management system.

4. The system for integration of material costs of a product as claimed in claim 3, wherein the web server further comprises an inventory data retrieval module for obtaining current period inventory data from an inventory management system.

5. The system for integration of material costs of a product as claimed in claim 4, wherein the web server further comprises a material consumption data retrieval module for obtaining current period material consumption data of products from a production management system.

6. The system for integration of material costs of a product as claimed in claim 1, wherein the web server further comprises a material costs enquiry module, for obtaining data on each material's costs, the historical purchase costs of each material, and the current period purchase costs of the material.

7. A computer-enabled method for integration of material costs for calculating material costs of a product based on purchase data, inventory data and material consumption data, the method comprising the steps of:

- obtaining purchase data and storing the purchase data in a database;
- calculating unit purchase expenses and current purchase costs allocated to each unit of each material based on the purchase data;
- obtaining inventory data and storing the inventory data in the database;
- calculating historical purchase costs of a unit of each material based on the inventory data;
- obtaining material consumption data and storing the material consumption data in the database;
- calculating costs of each material consumed in the product based on the material consumption data; and

summing up the costs of each material consumed in the product to obtain material costs of the product.

8. The method for integration of material costs of a product as claimed in claim 7, wherein the step of obtaining purchase data is performed by accessing a purchase management system.

9. The method for integration of material costs of a product as claimed in claim 7, wherein the step of obtaining inventory data is performed by accessing an inventory management system.

10. The method for integration of material costs of a product as claimed in claim 7, wherein the step of obtaining material consumption data is performed by accessing a production management system.

11. The method for integration of material costs of a product as claimed in claim 7, further comprising the following step after the step of obtaining purchase data and storing the purchase data in a database: summing up purchase data of each material in a current period.